

SAVICH-LYUBITSKAYA, L.I.; ABRAMOV, I.I.

Geological chronicle of bryophytes [with summary in English].
Bot.zhur. 43 no.10:1409-1417 O '58. (MIRA 11:11)

1. Botanicheskiy institut imeni V.L. Komarova AN SSSR, Leningrad.
(Mosses, Fossil) (Hepaticae, Fossil)

ABRAMOV, I.I.

Several moss species from Leningrad Province. Bot.mut.Otd.spor.
rast. 12:290-298 Ja '59. (MIRA 12:12)
(Leningrad Province--Mosses)

ABRAMOVA, A.L.; ABRAMOV, I.I.

Cimmerian mosses of Duab (Abkhazia). Trudy Bot. inst. Ser. 2 no.12:
301-359 '59. (MIRA 12:12)
(Ochamchire District--Mosses, Fossil)

ABRAMOVA, A.L.; ABRAMOV, I.I.

Mosses of Armenia. Trudy Bot. inst. Ser. 2 no.12:360-366 '59.
(MIRA 12:12)

(Armenia--Bryophytes)

ABRAMOVA, A.L.; ABRAMOV, I.I.

Mosses from Chauda beds in the southwestern Caucasus. Vest. LNU,
14 no.6:144-147 '59. (MIRA 12:6)

(Caucasus--Mosses, Fossil)

ABRAMOVA, A.L., ABRAMOV, I.I.

A new genus (*Bryobrittonia* Williams) and new species of mosses
(*Bryobrittonia pellucida* Williams and *Hypnum subimponens*
Lesq.) hitherto unknown in the U.S.S.R. Bot. mat. Otd.
spor. rast. 13:294-305 '60. (MIRA 13:7)
(Mosses)

ABRAMOVA, A.L., ABRAMOV, I.I.

Mosses from the Chauda beds of southwestern Caucasus.
Bot. mat. Otd. spor. rast. 13:305-312 '60. (MIRA 13:7)
(Guria--Mosses, Fossil)

ABRAMOVA, A.L.; ABRAMOV, I.I.

Upper Tertiary and early Quaternary mosses in the middle Volga
Valley. Probl. bot. 6:7-17 '62. (MIRA 16:5)
(Volga Valley—Mosses, Fossil)

ABRAMOV, I.I.; ABRAMOVA, A.L.; DUDA, I.

Flora of liverworts of the Caucasus; Lagodekhi Preserve. Bot.
mat. Otd. spor. rast. 16:168-172 '63. (MIRA 16:10)

ABRAMOVA, A.L.; ABRAMOV, I.I.

Actinothuidium hookeri(Mitt.) Broth. in the Kinel' sediments of
Bashkiria. Bot. mat. Otd. spor. rast. 16:195-199 '63.
(MIRA 16:10)

ABRAMOVA, A.L.; ABRAMOV, I.I.

Scleropodium ornellanum (Mol.) in Central Asia. Bot. mat. Otd.
spor. rast. 14:275-278 Ja'61.

Metzgeria pubescens (Schrunk) Raddi in Northeastern Europe.
Ibid.:279-281

New species of the mosses of the Caucasus. Ibid.:282
(MIRA 17:2)

ABRAMOV, I.I.

New habitats of *Hookeria lucens* (Hedw.) Smith in the Caucasus.
Bot. mat. Otd. spor. rast. 14:283-285 Jaf'61. (MIRA 17:2)

ABRAMOV, I.I.

Bryophytes of the New Siberian Islands. Trudy AANII 224:206-221
163 (MIRA 18:1)

ABRAMOVA, A.L.; ABRAMOV, I.I.

Lydiaea Lazar., a new genus of mosses of the Caucasus. Dokl. AN
Arm. SSR 38 no.4:243-244 '64. (MIRA 17:6)

1. Botanicheskiy institut im. V.L.Komarova AN SSSR. Predstavleno
chlenom-korrespondentom AN Armyanskoy SSR A.L.Takhtadzhyanom.

AERAMOVA, A.I., ABRAMOV, I.I.

Mosses of the Chauda age in the Caucasus. Bot.zhur. 49 no.10:1486-1487
O '64. (MIRA 18x1)

1. Botanicheskiy institut imeni V.L.Komarova AN SSSR, Leningrad.

SAVICH, V.P., otv. red.; ABRAMOV, I.I., red.; VASIL'KOV, B.P.,
red.; GOLLEBAKH, M.M., red.; LITVINOV, K.A., red.

[New materials on the taxonomy of lower plants. 1965]
Novosti sistematiki nizshikh rastenii 1965. Moskva,
Nauka, 1965. 299 p. (MIRA 18:8)

1. Akademiya nauk SSSR. Botanicheskiy institut.

ABRAMOV, I. N.

ABRAMOV, I. N. "Study of Smut of Grains in Conditions of Lake Districts in 1926,"

Bulleten', Dalno-Vostochnaia Stentsiia Zashchity Rastenii ot Vreditel' pri Dalzeme,

no. 3, 1930, pp. -23. 464.9 D16

SO: SIRA, SI 90-53, 15 D^uc. 1953

ABRAMOV, I. N.

ABRAMOV, I. N. "Investigation of Cereal Smuts under Littoral District Conditions
in 1929," Bulletin, no. 3, Far Eastern Plant Protection Station, Khabarovsk,
1930, 26 pp. 464.9 D16

SO: SIRA, SI 90-53, 15 Dec. 1953

BERG, OFF, I. W.

ANDERSON, (J. N.). *Грибные болезни Soybeans in the Far East*.
 Botkovo. {Fungal diseases of Soybeans in the Far East}
 pp. 3-84, 41 figs. in Georgian script and Soy beans in the
 Far East. {Diseases and pests of Soy beans in the
 Far East}. Pamphlet issued by *Amurapri* {Far Eastern
 Plant Prod. Stat.} Vladivostok, 120 pp., 40 figs., 1934.

In this paper the author gives an account of the following fungal diseases of the soybean which were recorded in the Russian Far East during a preliminary phytopathological investigation in 1928 and 1929: Downy mildew (*P. blighti* *measura* [R. L. V. S. p. 1938]) may either produce local infection, in which case the damage is insignificant, or systemic, causing a noticeable stunting of all the aerial organs of the host, with a consequent considerable reduction in yield, although the disease is widespread throughout the country; the second form only appears in some localities, chiefly on the so-called tundra-hub variety (*Glycine hispida* var. *ulbo-thibetica* (L. H. Rupak.) Observations on varietal reaction indicated that the greatest susceptibility is exhibited by the varieties with yellow or green beans, while those with black and brown beans were practically immune under the same conditions.

White stem rot caused by *Sclerotinia blight* (*S. sclerotiorum*) inflicts considerable losses in some districts, especially where there is much cauliflower cultivation. All varieties are apparently equally

AM

crops infected with this blight. Tracheomycosis or wilt caused by *F. tracheiphilum* [ibid., ix, p. 360] is chiefly prevalent in the Littoral province. In late summer soy-bean leaves frequently show a severe spotting, with subsequent dropping-out of the diseased tissues, which is caused by a strain of *Fusarium* closely resembling *F. tracheiphilum*. In the district of Vladivostok a serious stem break of young plants, which killed from 9 to 42 per cent. of the crop, was observed in 1929. It was caused by an unidentified fungus believed to be a *Fusarium*, with hyaline, frequently septate hyphae, 5 to 8 μ in diameter, which, when the diseased plants were placed in a moist chamber, in two days formed an abundant downy, white efflorescence, but produced no spores. When approaching maturity the soy-beans still in the pods (chiefly those attacked by the larvae of a species of *Eucoma*) are frequently covered with a pink efflorescence, consisting of conidia of a *Fusarium* differing from those mentioned above; the spores are hyaline, slightly bent (more so at the distal end), usually one-, but occasionally two- or three-septate, and measure 38 to 45 by 3 to 4.5 μ . The cotyledons of the diseased beans also bear numerous perithecia of a species of *Gibberella* which may be the ascigerous stage of this *Fusarium*.

A very widespread disease, particularly on the Amur and in the Littoral province, is caused by a species of *Ascochyta* which differs from *A. phaseolorum* and *A. pisi* in its morphological characters.

and symptoms (the differences being shown in a comparative table); it is considered to be new to science and is named *A. sojaecola*, a Latin diagnosis being appended. The fungus attacks the leaves, stems, and pods (the symptoms on which are fully described), on which it forms numerous slightly sunken, spheroidal, dark pycnidia, 30 to 220 μ in diameter, containing hyaline, cylindrical or slightly ellipsoidal, two-celled spores, slightly constricted in the middle, and 8 to 11 by 3 to 5 μ . The disease is most severe in dense stands sown for fodder, and on varieties with black or brown beans, while those with green beans are apparently immune. Among the varieties with yellow beans, those with purple flowers were rather severely attacked, and those with white flowers were comparatively resistant.

The other diseases recorded include a leaf spot caused by *Septoria glycines* [ibid., ix, p. 228]; an olive-coloured leaf spot due to *Phyllosticta sojaecola* in association with its ascigerous stage *Pleophaeocaulium sojaecola* [ibid., vi, p. 74, ix, p. 227]; angular, brown spots caused by *Isariopsis glycicola* [ibid., ix, p. 626]; and a grey mouldiness of the leaves due to *Helicium centrale* [ibid., vi, p. 74]. Brief descriptions are also given of a number of saprophytic fungi found on the soy-bean plants (among which *Alternaria tenuis* [ibid., xi, p. 77] is stated occasionally to attack leaves weakened by other causes, and thus to hasten their destruction), as well as of fungal diseases which are known to affect this host elsewhere but have not yet been recorded in the areas investigated.

1. AUTHOR AND CO-AUTHORS 2. TITLE AND SUBTITLE 3. JOURNAL OR PUBLICATION NAME 4. DATE OF PUBLICATION 5. PLACE OF PUBLICATION 6. NUMBER OF PAGES 7. PRICE 8. ABSTRACT		9. SUMMARY 10. CONCLUSIONS 11. REFERENCES 12. INDEXING	
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15. METALLURGICAL LITERATURE CLASSIFICATION
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the drills, or may be stored for later use; in the latter case, the sawdust should be separated from the grain before sowing by means of the usual grain separators or cleaners, and may be again used for further treatment. Concentrations of formalin up to 1 in 100 appeared to have a stimulating effect on the germination of wheat seed, as measured by the density of the resulting stands, but 1 in 50 reduced the density of the stand by over one quarter, and still higher concentrations inhibited germination entirely; oats were apparently more resistant, since the 1 in 50 solution only slightly affected the stand and 1 in 10 reduced it from 100 per cent. (control standard) to 31. In conclusion, the author points out the great elasticity in the use of this method, since the dosage of formalin can be varied by increasing or decreasing the amount of the sawdust added to the seed-grain, the concentration of the formalin solution, and the length of time during which the treated grain is left covered with tarpaulins.

ABERNOV, Ivan Nikolaevich.

Diseases of agricultural plants in the Far East.

Khabarovsk, Dal'nevostochnoe kraevoe gos. izd-vo 1938. 286 p. (h7-hh710)

SB605.S5A27

1. Botany - Pathology.
2. Agriculture - Siberia.

I. Naumov, Nikolai Aleksandrovich, 1868 - ed.

AERANOV, I.N.

Bolezni kartofelia na Dal'nem Vostoke
(Potato diseases in the Far East). Khabarovsk, Kha-
bar. kn. izd-vo, 1953. 123 p.

SO: Monthly List of Russian Accessions, Vol. 7, No. 5, August 1954

ABRAMOV, I. I.

Grad Tech Sci

Dissertation: "Calculation and Design of the Electronic
Regulators of Basic Clock Systems."

23/1/58

Moscow Order of the Labor Red Banner Higher Technical
School Ireni N. S. Bauman

80 Vecheryaya Moskva
Sum 71

U.S.S.R. / Human and Animal Physiology. Internal Se- T
cretion.

Abs Jour: Ref Zhur-Biol., No 5, 1958, 22524.

Author : Abramov, I. S.

Inst : Not given.

Title : The Effect of Intramuscular Injections of Syn-
estrol on Accelerating the Resorption of Per-
sistent Corpus Luteum in Cattle.

Orig Pub: Tr. Dagest. s.-kh. in-ta, 1955, 6, 125-128.

Abstract: No abstract.

Card 1/1

100

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THE CHEMOTHERAPY OF PIROPLASMOZIS. I. A. I. Pines and I. V. Abramov. *J. Microbiol. Epidemiol. Immunol.* (U. S. S. R.) 17, 1032-40 (In German 1940) (1940). The intramuscular injection of 1 mg./kg. body wt. of Piroplasma (I) (the bis (dimethyl sulfate) of 0.07 diquimodylurea) and acupron (II) into dogs 3 days before infusion with *Piroplasma canis* lengthened the incubation period and hindered the development of the infection. Simultaneous injection of I or II in the same dose with the infusing organism did not lead to infection. S. A. K.

ABRAMOV, I. V.

22596. ABRAMOV, I. V. O poutorniykh zabolevaniyakh loshadey piroplazmozom.
veterinariya, 1949, No. 7, S.-18

SO: LETOPIS' No. 30, 1949

ABRAMOV, I. V.

PA 190T65

USSR/Medicine (Veterinary) - Infectious Diseases Mar 51

"Effect of the Infection of Horses With Nuttalliosis on the Course of the Latent Form of Infectious Anemia," I. V. Abramov, Cand Vet Sci, All-Union Inst of Exptl Vet Med

"Veterinariya" Vol XXVIII, No 3, pp 19-23

Summer-autumnal nuttalliosis, nuttalliotic encephalitis, infectious haemosporidiosis, equine trypanosomiasis [?], and some other "new" diseases are actually a combination of equine infectious anemia with nuttalliosis. Expts on the infection

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USSR/Medicine (Veterinary) - Infectious Diseases (Contd) Mar 51

with nuttalliosis (by means of infected blood or infected ticks) of horses having latent infectious anemia were carried out. Infectious anemia was invariably aggravated thereby: After symptoms of nuttalliosis diminished in severity, acute infectious anemia with lethal outcome set in.

190T65

ABRAMOV, I. V.

ABRAMOV, I. V.

Protozoa, Pathogenic

Conclusions of the 36th plenum of the
veterinary section of the All-Russian
Lenin Agricultural Academy (VASKHNIL)
on protozoan diseases. Veterinariia
29 no. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952. UNCLASSIFIED.

ABRAMOV, I.V., kandidat veterinarnykh nauk.

Retention time of the causative agent of equine piroplasmosis
(Piroplasma caballi) in ticks Hyalomma plumbeum Panzer, 1795.
Veterinariia 32 no.3:42-46 Mr '55. (MIRA 8:4)

1.Vsesoyuznyy institut eksperimental'noy veterinarii, proto-
zoologicheskii otdel.
(PIROPLASMOSIS) (TICKS AS CARRIERS OF DISEASE)

ABRAMOV, I.V., kandidat veterinarnykh nauk.

New way of transmitting the pathogen nuttalliosis in horses
(Nuttallia equi, Laveran, 1901) by carrier ticks. Veterinariia
32 no.8:43-45 Ag '55. (MLRA 8:10)

1.Vsesoyuznyy institut eksperimental'noy veterinarii.
(NUTTALLIA)(TICKS AS CARRIERS OF DISEASE)(HORSES--DISEASES)

ABRAMOV, I.V.

Hemosporidiosis in farm animals. Veterinariia 33 no.3:52-54 Mar '56.

(MLRA 9:5)

(HEMOSPORIDIOSIS)

MARKOV, A.A., professor.; ABRAMOV, I.V., kandidat veterinarnykh nauk.

Peculiarities of the circulation of the causative agent of
babesiasis in sheep, *Babesia ovis* in the ticks *Rhipicephalus bursa*.
Veterinariia 34 no.3:27-30 Mr '57. (MLRA 10:4)

1. Vsesoyuznyy institut eksperimental'noy veterinarii.
(Piroplasmosis, Ovine) (Ticks as carriers of disease)

USSR / Diseases of Farm Animals. Diseases Caused by Protozoa. R

Abs Jour : Ref Zhur - Biol., No. 22, 1958, No 101359

Authors : Abramov, I. V.; Bakhtov, S. G.; Forshkov, D. S.; Krasnogorov, G. A.; Petrovskiy, V. V.

Inst : Not given

Title : The Practice of Treating Bulls Afflicted with Trichomoniasis.

Orig Pub : Veterinariya, 1956, No 2, 35-40.

Abstract : Bulls were treated with intramuscular injections (12 injections) of bioquinal with local irrigations of the preputial sac and with iodine-anaesthesia followed by airing and massage. These treatments were ineffective. Single intravenous injections of suramin sodium (0.045 g/kg) in a 10 percent dilution of a physiological solution and local applications of tar and cod-liver oil, as well as of novarsenol combined with iodine-anaesthesia also produced negative results.

Card 1/1

ABRAMOV I.V.
MARKOV, A.A., prof.; ABRAMOV, I.V., kand.vet.nauk

More attention to the eradication of trichomoniasis. Veterinariia
35 no.3:17-20 Mr '58. (MIRA 11:3)

1. Vsesoyuznyy institut eksperimental'noy veterinarii.
(Trichomoniasis)

ABRAMOV, I.V.

Treatment and prevention of anaplasmosis in cattle. Veterinariia
35 no.3:80-81 Mr '58. (MIRA 11:3)
(Anaplasmosis)

MARKOV, A.A., prof.; ABRAMOV, I.V., kand.vet.nauk

Brief list of hemosporidian pathogens affecting livestock and
their vectors in the U.S.S.R. Veterinariia 35 no.5:31-34 My '58.
(MIRA 12:1)

1. Vsesoyuznyy institut eksperimental'noy veterinarii.
(Hemosporidia)

ABRAMOV, I.V., referent

Hemosporidian infections of livestock. Veterinariia 35 no.5:48-50
My '58. (MIRA 12:1)

(Hemosporidia)

ABRAMOV, I.V., kand.vet.nauk

Anaplasmosis in cattle [with summary in English]. Veterinariia
36 no.3:15-17 Mr '59. (MIRA 12:4)

1. Vsesoyuznyy institut eksperimental'noy veterinarii.
(Anaplasmosis)

ABRAMOV, I.V.

Hemosporidia in farm animals. Veterinariia 36:22-26 My '59.

(MIRA 12:7)

(Hemosporidia)

ABRAMOV, I. V. (Senior Scientific Collaborator, Laboratory of Protozoology, VIEV)

"Reference concerning G. S. Dzasokhov's monograph "Diagnostika Protozoinykh Boleznei Zhivotnykh" [Diagnosis of Protozoan Diseases of Animals]".

Veterinariya, Vol. 38, No. 2, 1961, p. 87.

MARKOV, A.A., prof.; ABRAMOV, I.V., starchy nauchnyy sotrudnik

Make more extensive use of effective methods for the control of
protozoan diseases. Veterinariia 38 no.3:12-15 Apr '61

(MER 18:1)

1. Vsesoyuznyy institut eksperimental'noy veterinarii.

ABRAMOV, I. V. (Senior Scientific Collaborator, VIEW) and MARKOV, A. A. (Professor).

"Effective methods for the control of protozoan diseases must be instilled at large."

Veterinariya, Vol. 38, No. 3, 1961, p. 12.

ABRAMOV, I.V., kand.veterinarnykh nauk; GROBOV, O.F.

Transmission of *Anaplasma marginale* Theiler 1910 by ticks.

Trudy VIEV 26:179-182 '62.

(MIRA 16:2)

1. Laboratoriya protozoologii Vsesoyuznogo instituta eksperimental'noy veterinarii.

(Ticks as carriers of disease) (Anaplasmosis)

ABRAMOV, I. V.; LAPTIN, V. I.

"Sur la parthenogenese chez la tique *Haemaphysalis neumannii* (type *bispinosa*)."

report submitted for 1st Intl Cong, Parasitology, Rome, 21-26 Sep 1964.

Inst of Experimental Veterinary Medicine, Moscow G-378.

ABRAMOV, I. V.; MARKOV, A. A.

"Sur adaptations reciproques entre quelques hematizoaires et leurs hotes."

report submitted for 1st Intl Cong, Parasitology, Rome, 21-26 Sep 1964.

Inst of Experimental Veterinary Medicine, Moscow G-378.

DURANOV, V.S., aspirant; ABRAMOV, I.V., nauchnyy rukovoditel' raboty,
doktor veter. nauk

Effect of external and internal irradiation on the resistance of
sheep to the pathogen of babesiasis. Veterinariia 42 no.12:41-44
D '65. (MIRA 19:1)

1. Vsesoyuznyy institut eksperimental'noy veterinarii.

COMMON ELEMENTS		PROCESS AND PROPERTIES INDEX		COMMON ELEMENTS	
<i>M</i> Two Schools of Thought Regarding the Theory of Metallurgical Furnaces. 1. V. Abramov (<i>Vestn. Inzh. i Tekh. (Eng. and Tech. Herald)</i>, 1938, (3), 170-171; and <i>Teoriia i Praktika Metallurgii (Theory and Practice of Metallurgy)</i>, 1938, (3), 21-22).—[In Russian.] The out-of-dateness of V. E. Grum-Grzhimailo's hydraulic theory of furnaces is pointed out, and the new energy theory is referred to.—N. A.					
ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION					
SECTION: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100					

ABRAHAM, I. V.

Trends in technical progress of the Soviet machine industry. Moscow,
Gos. nauch.-tekhn. izd-vo Mashinostroit. lit-ry, 1948. 203 p. (49-27566)

HD97C5.R924C

ABRAMOV, I. V.

Puti tekhnicheskogo progressa v sovetskom mashinostroenii. Moskva, Mashgiz, 1948. 203 p. illus.

Ways of technical development in Soviet machine-building.

DLC: HD9705.R92A6

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

ABRAMOV, I. V.

PA 62T16

USSR/Engineering
Bibliography

Jan 1948

"Review of 'Russian Techniques,' by Prof V. V. Danil-
evskiy," I. V. Abramov, Candidate Tech Sci, 5 pp

"Vest Inzher i Tehn" No 1

Recently, great contribution was made to literature
on the history of Soviet techniques. In addition to
being true presentation of achievements of technician
and engineer, it has widespread political implica-
tions. In spite of few immaterial errors, it is
acclaimed as great contribution.

62T16

USSR/Academy of Sciences
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Apr 4

"Annotations on Works Published in 1948 by Academicians and Corresponding Members of the Academy of Sciences and Other Scientific Workers of the Department of Technical Sciences, Academy of Sciences" 4 pp

PA 45/4976
"Iz Ak Nauk SSSR, Otdel Tekh Nauk" No 4

Includes I. V. Abramov's book, "Methods of Technological Progress in Soviet Machine Construction," M. Yu. Bal'shin's book, "Powder Metallurgy," M. L. Zarofshchinskii's "Steel Rolling," "Dynamics and Durability of Crankshafts" (collection of articles edited by

USSR/Academy of Sciences (Contd) 45/4976

S. V. Serensen), and A. V. Gorinov's 3-volume work, Apr 49

"Railroad Design."

45/4976

ABRAMOV, Isay Viktorovich; GUDISOV, N.T., nauchn. red.

[Russian metallurgists; list of recommended literature]
Russkie metallurgi; rekomendatel'nyi ukazatel' literatury.
Nauchn.red.N.T.Gudtsova. Moskva, 1950. 78 p. (Chto chitat'
o nauchnykh deiateliakh russkoi nauki i tekhniki, vyp.1)
(MIRA 15:8)

(Metallurgists)

1. ABRAMOV, I. V.
2. USSR (600)
4. Leonardo Da Vinci, 1452-1519
7. Leonardo da Vinci. Vest.mash. 32 no. 8 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953.
Unclassified.

ABRAMOV, I.V., kandidat tekhnicheskikh nauk; KALACHEV, K.A., laureat Stalinskoy
premi, inzhener.

[Economizing metal in every manufactured product] Ekonomit' metall na kazh-
dom izdelii. Moskva, Izd-vo "Znanie." 1953. 31 p. (MIRA 6:10)
(Metals)

Scientific-Technical Session on the Theory of the
Design of Metallurgical Structures
are outlined. Theoretical and experimental
and contribution of research in design of structures.

ABRAMOV, I.V., (Moskva)

Technical progress in the U.S.S.R. Fiz. v shkole 15 no.5:3-9 8-0 '55.
(Technology) (MIRA 9:1)

ABRAMOV, Isay Viktorovich, kandidat tekhnicheskikh nauk; ISLANKINA, T.F.,
redaktor; FURMAN, G.V., tekhnicheskiiy redaktor

[Ferrous metallurgy of the U.S.S.R. in the sixth five-year plan]
Chernaya metallurgiya SSSR v shestoi platiletke. Moskva, Izd-vo
"Znanie," 1956. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniui
politicheskikh i nauchnykh znani. Ser. 4, no.25) (MLRA 9:11)
(Iron Industry)

18(3)
18(5)

PHASE I BOOK EXPLOITATION

SOV/1417

Abramov, Isay Viktorovich (Deceased)

Chernaya metallurgiya (Ferrous Metallurgy) Moscow, Gospolitizdat, 1958.
156 p. (Series: Narodnoye khozyaystvo SSSR) 5,000 copies printed.

Eds.: I. Gorelik and Ye. Fefilova; Tech. Ed.: A. Danilina.

PURPOSE: This booklet is intended for industrial activists, agitators, and propaganda agents in industry.

COVERAGE: The booklet consists of six chapters in which the author describes the developments of the metallurgical industry in the USSR, its geographical distribution, technology, and the economics of production. Numerous industrial processes are described in an elementary manner and explained by means of schematic diagrams, layouts, and photographs. The author refers to some case histories and events which took place in this branch of the Soviet industry. Various new developments in the Soviet metallurgical industry are briefly described. Throughout the booklet the author stresses the importance of the

Card 1/4

Ferrous Metallurgy

SOV/1417

metal industry in the national economy and in national defense. No personalities are mentioned. There are no references.

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3. The struggle of the Communist Party for metal	9
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GO/mas

POLINKOVSKAYA, A.I., kand. tekhn. nauk; CHERNOVA, O.A., inzh.; ABRAMOV, I.Ya.
inzh.

Producing expanded perlite in furnaces with fluidized beds.
Sbor trud. ROSNIIMS no. 25:63-71 '62
(MIRA 17:8)

LIFSHITS, A.V., inzh.; ABRAMOV, I.Ya., inzh.

Producing time in rotary kilning machines. Stroi. mat. 10 no.7:
26-27 pl. 104 (MIRA 18:1)

L 17815-15 EWT(c) Pg-4 LIPU
 REFERENCE NR. AR4043407

S/0044/64/000/007/B033/B034

SOURCE: Ref. zh. Matematika, Abs. 7B193

AUTHOR: Abramov, I. Yu.

TITLE: Integral Representations of the solutions of Ordinary
 Second-Order Differential Equations

CITED SOURCE: Uch. zap. Dushanbinsk. gos. ped. univ. 24, no.
 4, 1963, 3-11

TOPIC TAGS: Ordinary second-order differential equation, Legendre's equation, Hermite's equation, Laguerre's equation

TRANSLATION: The author discusses the differential equation

$$L_x(y) \equiv p_0(x)y'' + p_1(x)y' + p_2(x)y = 0$$

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1 17315-46

ACCESSION NR: AR4043407

where $p_0(x)$, $p_1(x)$ and $p_2(x)$ are assumed to be real functions in some domain G . The author denotes an arbitrary pair of conjugate linear differential operators by M_1 and $\bar{M}_1$, and then applies the Lagrange identity

$$\int_G M_1(x, u) \bar{M}_1(x, v) dx = \int_G P(x, u, v) dx$$

where $P(x, u, v)$ is a bilinear form of the operators M_1 and $\bar{M}_1$.

The following theorem is proved: if the bilinear form $P(x, u, v)$ is nonnegative for all u, v in G , then the differential equation

$$M_1(x, u) = 0$$

admits no nontrivial solutions in G if $P(x, u, v)$ is some nonnegative bilinear form.

Cord 7/6

L 17515-64

ACCESSION NP: AR404340

$$M_t(v)=0$$

Denote by $\beta(x)$ the solution of the equation

$$P(x, t) \frac{d\beta(x)}{dt} + \frac{dP(x, t)}{dt} \beta(x) = -\frac{dP(x, t)}{dt} \beta(x)$$

where $f(x, t) = K(x, t)v(t)$ and a is an arbitrary point in the domain G . Then the integral

$$y(x) = \int_a^{\beta(x)} f(x, t) dt$$

evaluated over a line in the domain G satisfies differential equation (1).

This result is applied to a hypergeometric equation written in the form

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$$L_x(y) = G_0(x) y'' - [\mu G_0'(x) + G_1(x)] y' + \left[\frac{\mu(\mu+1)}{2} G_0''(x) - (\mu+1) G_1'(x) \right] y = 0,$$

where $G_0(x) = a_0 x^2 + a_1 x + a_2$, $G_1(x) = \kappa_0 x + \kappa_1$, $a_0, a_1, a_2, \kappa_0, \kappa_1$ and μ are constants. The expression $M_l(u) = G_0(l) \frac{du}{dl} + G_1(l) u$ is taken for the operator $M_\tau(u)$, while the function $K(x, t) = (x - t)^{\mu+1}$ is taken for the kernel $K(x, \tau)$ and $\kappa(x, t) = -(\mu+1)(x-t)^\mu$. Equation (2) reduces to the form

$$\frac{dv}{v} + \frac{(2a_0 - \kappa_0)t + a_1 - \kappa_1}{a_0 t^2 + a_1 t + a_2} dt = 0$$

The author uses this general method to derive integral representations for the solutions of the Legendre equation, hypergeometric equations written in the usual form, and the Hermite and Laguerre equations. Turning to the general linear differential equation

$$L_n(y) = p_0(x) y^{(n)} + p_1(x) y^{(n-1)} + \dots + p_{n-1}(x) y' + p_n(x) y = 0$$

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ACCESSION NR: AR4043407

whose coefficients satisfy the relationship

$$p_0 k^n + p_1 k^{n-1} + \dots + p_{n-1} k + p_n = 0,$$

where k is constant, the author proves that the integral

$$y(x) = \int_0^x e^{k(x-t)} v(t) dt$$

satisfies the equation $L_x(y) = 0$ if $v(t)$ satisfies the $(n-1)$ -th order differential equation

$$p_0 v^{(n-1)} + (p_1 + p_0 k) v^{(n-2)} + (p_2 + p_1 k + p_0 k^2) v^{(n-3)} + \dots + (p_{n-1} + p_n k) v + p_n k^n = 0.$$

Abstractor's note: The term "bilinear sequence" used by the author instead of the more usual "bilinear form" is totally unnecessary; although this terminology is common in the Russian

Cord 5/6

L 17815-65

ACCESSION NR: AR4043407

translation of the Ayns course "Ordinary Differential Equations,"
ONTI [Ob'yedineniye nauchno-tekhnicheskikh izdatel'stv (United
Scientific and Technical Presses)], Khar'kov. 1939 p. 167, its
origin lies in translator's carelessness. Ya. Rabinovich.

SUB CODE: MR

ENCL: 00

Card 6/6

ABRAMOV, K.

"Lowering Cost of Tractor Operations in Cotton Sowing Machine Tractor Stations,"
Kulshovedstvo, No 5, 1952

MIRA October 1952

ARRIVAL, 17:12

Organization of the work of track maintenance stations during the winter season, 1971-72. M.V. 8 no. 10/12/71

1. Heavy rain, steady rain, clear.

(MIRA 17:12)

ABRAMOV, K.

"Purification and Treatment of Waste Waters in Ore Mines." p. 17 (RUDY, Vol. 2, No. 1, Jan. 1954) Praha, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4, April 1954. Unclassified.

ABRAMOV, K.

"Treatment of flotation waste water."

p. 296 (Voda) Vol. 36, no. 11, Nov. 1957
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

ABRAMOV, K.G.

Relation between the sable and the yellow-throated marten in the
Far East. Soob.DVFAN SSSR no.11:124-125 '59. (MIRA 13:11)

1. Dal'nevostochnyy filial imeni V.L.Komarova Sibirskogo otdeleniya
AN SSSR,

(Soviet Far East--Sable) (Soviet Far East--Martens)

ABRAMOV, K.G.

Possibilities of modifying the helminth infestation of sables in
cases of introduction in other localities. Soob.DVFA AN SSSR no.11:
126-128 '59. (MIRA 13:11)

1. Dal'nevostochnyy filial imeni V.L.Komarova Sibirskogo otdeleniya
AN SSSR.

(Sables--Diseases and pests)

ABRAMOV, K.G.

Conservation of Soldiers in the Far East. Order. prior. 1. 1944. 1946
v SSSR no.5:92-25 '61. (GA A 1:2)

1. Dal'nevostochnyy filial AN SSSR .
(Soviet Far East--Tigers) (Korea, North--Tigers)

ABRAMOV, K.G.

Food habits of sables of different ages. Soob.DVFAN SSSR no.12:129-131 '60. (MIRA 13:11)

1. Dal'nevostochnyy filial imeni V.L.Komarova Sibirskogo otdeleniya AN SSSR.

(Amur Valley--Sable)

ABRAMOV, K.G.

Observations on the sharp-winged grouse in the Amur Valley. Ornitologia
no.4:182-184 '62. (MIRA 16:4)

(Amur Valley--Grouse)

ABRAMOV, K. K.

POVAZHENKO, I. YE, BRATYUKHA, S. I., ABRAMOV, K. K.

Veterinary Surgery

Operative treatment for ileus in horses, Veterinariia 29 no, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1953, Unclassified.
2

ABRAMOV, K. K.:

Min Communications USSR. Moscow Electrical Engineering Inst of Communications.

ABRAMOV, K. K. - "Parameters of the mutual influences among circuits in a cable containing bi-metallic conductors." Min Communications USSR. Moscow Electrical Engineering Inst of Communications. Moscow, 1956.

(Dissertation for the Degree of Candidate in Technical Sciences.)

SO: Knishnaya Letopis' No. 13, 1956

ABRAMOV, K.K.; IL'IN, A.A.

Determining partial parameters of the contact network of a mine. Izv. Sib. otd. AN SSSR no.9:15-22 '59 (MIRA 13:3)

1. Novosibirskiy elektrotekhnicheskiy institut svyazi i Institut gornogo dela Sibirskogo otdeleniya AN SSSR.
(Electric railroads--Wires and wiring)
(Mine railroads)

ABRAMOV, K.K.; II'IN, A.A.

Primary and secondary parameters of a contact network in a mine. Izv. Sib. otd. AN SSSR no. 11:22-28 '60. (MIRA 14:1)

1. Institut gornogo dela Sibirskogo otdeleniya AN SSSR.
(Mine railroads)
(Electric railroads—Wires and wiring)

L 3276-66 EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(l)

ACCESSION NR: AR5014350

UR/0271/65/000/005/AC43/A043
621.398.626

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika. Svodnyy tom, Abs. 5A301

AUTHOR: Abramov, K. K.; Fedenko, V. S.

TITLE: Origins of pulse noise in telesignal lines

CITED SOURCE: Sb. Ustroystva i elementy prom. telemekhan. Kiyev, 1964, 50-54

TOPIC TAGS: pulse noise, inductive interference, supervisory control system

TRANSLATION: In the lines connecting supervisory-control equipment at a dispatcher's station with a control board and peripheral sensors, noise is possible due to switching operations on the adjacent lines. This noise affects the contactless control equipment. Origination of the pulse noise in short lines is considered. Formulas for currents and voltages in the disturbed circuit are developed. The pulse influence between circuits was experimentally studied on 10-m long TRVKSh-20 x 2 x 0,5 distribution cables. A train of rectangular pulses with a repetition frequency of 24 kc, 15 v, 10 microsec was transmitted

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L 3276-66

ACCESSION NR: AR5014350

over the disturbing circuit. Both theoretical and experimental results show that the noise shape in the disturbed circuit is close to the derivative of the disturbing voltage. The lowest interference was observed between the circuits belonging to different shielded cables.

SUB CODE: EC, IE

ENCL: 00

Card2/2

ABRAMOV, Konstantin Konstantinovich; BUKHGEYM, Lev Ernestovich;
MAIYSHEV, Aleksandr Ivanovich; SIMIDT, Viktor Isaakovich;
SHUMILIN, Nikolay Pavlovich; MEL'NIKOV, P.V., otv. red.;
KOMAROV, Ye.V., red.

[Special measurements in wire communication] Spetsial'nye
izmereniia v provodnoi sviazi. [By] K.K.Abramov i dr. Mo-
skva, Sviaz', 1965. 231 p. (MIRA 18:5)

ABRAMOV, K.N., inzh.; LOKHOV, M.I., inzh.

Conversion of an AK-12(TN-65) turbine to seasonal operation
with 1,2--1,6 atm. back-pressure back pressure. Energetik
11 no. 12:21-23 D '63. (MIRA 17:5)

ABRAMOV, K.T.

Effect of strychnine and normal horse serum on external secretion of the digestive glands in dogs. Tr. Vsesoiuz. obsh. fiziol. no. 1:45-47 1952.
(CLML 24:1)

1. Delivered 1 December 1949, Irkutsk.

NIKITIN, A.I., prof., otv.red.; DOBYCHIN, B.D., prof., zam.otv.red.;
 ABRAMOV, K.T., kand.med.nauk, red.; KAZANTSEV, A.I., prof.,
 red.; TIMOFEEV, S.I., prof., red.; KHODOS, Kh.B., prof., red.;
 BOLOTOV, M.P., prof., red.; SHERSHNEV, P.A., prof., red.;
 VAYS, S.I., prof., red.; KLIMOV, K.A., dotsent, red.; SEMENOV,
 V.V., dotsent, red.; DONSKOV, V.V., dotsent, red.; KARNAKOV,
 B.I., dotsent, red.; KRAKAU, S.I., red.

[Collection of works of the Irkutsk State Medical Institute
 devoted to its 40th anniversary] Sbornik trudov Irkutskogo
 gosudarstvennogo meditsinskogo instituta, posviashchennyi
 40-letiiu so dnia ego osnovaniia. Irkutsk, 1959. 442 p.

(MIRA 14:1)

1. Russia (1917- R.S.F.S.R.) Ministerstvo zdervookhraneniya.
2. Zaveduyushchiy kafedroy normal'noy fiziologii Irkutskogo
 meditsinskogo instituta (for Nikitin). 3. Zaveduyushchiy fakul'-
 tetskoy khirurgicheskoy klinikoy Irkutskogo gosudarstvennogo medi-
 tsinskogo instituta (for Dobychin). 4. Zaveduyushchiy kafedroy bio-
 khimii Irkutskogo meditsinskogo instituta (for Shershnev). 5. Za-
 veduyushchiy kafedroy propedevтики vnutrennikh bolezney Irkutskogo
 meditsinskogo instituta (for Karnakov).

(MEDICINE)

NIKITIN, A.I., prof., otv. red.; DOBYCHIN, B.D., prof., zam. otv. red.;
 ABRAMOV, K.T., dots., red.; KAZANTSEV, A.I., prof., red.;
 TIMOFEYEV, S.I., prof., red.; KHODOS, Kh.B., prof., red.;
 BOLOTOV, M.P., prof., red.; SHERSHNEV, P.A., prof., red.; VAYS,
 S.I., prof., red.; KLIMOV, K.A., dots., red.; SEMENOV, V.V., dots.,
 red.; KARNAKOV, B.I., dots., red.;

[Materials on the influence of physical, chemical and biological factors on the animal and human organism] Materialy o vliianii fizicheskikh, khimicheskikh i biologicheskikh faktorov na organizm zhivotnykh i cheloveka. Irkutsk, 1961. 317 p. (MIRA 15:12)

1. Irkutsk. Gosudarstvennyy meditsinskiy institut. 2. Zaveduyushchiy kafedroy terapevticheskoy stomatologii Irkutskogo meditsinskogo instituta (for Vays). 3. Zaveduyushchiy kafedroy fakul'tetskoy khirurgii Irkutskogo meditsinskogo instituta (for Dobychin). 4. Zaveduyushchiy kafedroy infektsionnykh bolezney Irkutskogo meditsinskogo instituta (for Karnakov). 5. Zaveduyushchiy kafedroy normal'noy fiziologii Irkutskogo meditsinskogo instituta (for Nikitin).

(PHYSIOLOGY, PATHOLOGICAL)

YUGOSLAVIA/Cultivated Plants. Fruits. Berries.

M

Abs Jour: Ref Zhur-Biol., No 5, 1958, 20509.

Author : M. Dragash, Milan [?], L. Abramov.

Inst : Not given.

Title : Report on a Study of the Cultivation of High Standing Grape Vines in the People's Republic of Serbia. (Soobshcheniye ob izuchenii vyrashchivaniya vysokoshtambovykh loz vinnograda v Narodnoy Respublike Serbii).

Orig Pub: Zb. radova Pol'oprivrednog fak. Un-t Beogradu, 1956, 4, No 1, 3-14.

Abstract: A test in 1950-1955 of 5 varieties of grape which had been formed with high standing stems at the "Rodmilovach" Testing Station for Fruit Raising and Viticulture in Zemun showed that the Prokupach, Game and Black Burgundy varieties yielded well and did not require winter cover-

Card : 1/2

SHREYBER, A.K., kand.tekhn.nauk; GORCHAKOV, G.I., kand.tekhn.nauk; ABRAMOV,
L.I., inzh.

Shrinkage and exothermic heating of blocks of concrete fortified
with layers of crushed stone. Gidr. stroi. 32 no.2:33-34 F
'62. (MIRA 15:7)

(Concrete--Testing) (Stone, Crushed)

ABRAMOV, L.Kh., inzh.; KUPRIYANOV, A.S., inzh.; BOLDYREV, M.V., inzh.

Patents. Khim,mash. no.4:45-46 J1-Ag '62. (MIRA 15:7)
(Chemical engineering--Equipment and supplies) (Patents)

KUPRIYANOV, A.S., inzh.; BOLDYREV, M.V., inzh.; ABRAMOV, L.Kh., inzh.

Patents. Khim.mash. no.2:44-46 Mr '62. (MIRA 15:3)
(Chemical apparatus--Patents)

KUPRIYANOV, A.S., inzh.; ABRAMOV, L.Kh., inzh.; BOLDYREV, M.V., inzh.

Patents. Khim. mashinostr. no. 6:43-44 N-D '62. (MIRA 17:9)

ABRAMOV, L.Kh., inzh; BOLDYREV, M.V., inzh.

Patents, Khim. mashinostr. no.1s/6 Ja'63

(MIRA 17:7)

ABRAMOV, L.Kh., insh.

Equipment for the production of goods from foam polystyrene by
the pressless method; digest of foreign designs. Khim. i nef.
mashinostr. no.1:40-43 J1 '64. (MIRA 17:12)